

Standards update

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Current status

- 4th edition passed Committee Draft stage
- Draft International Standard (DIS) was prepared and made publicly available
- Approved with (many) comments in Feb 2025
- Comments mostly addressed by Apr 2025
- No technical changes needed, so straight to Final DIS (FDIS)
- Publication due Sep 2025





What are the coming changes?

(All now present in FDIS)

SEP GitHub repo: label "2025"

| Filt | ters - Q is:issue label:2025 | | | | Labels 19 | |
|------|--|--|------------------|-----------------------|-------------------|---|
| × | Clear current search query, filters, and sorts | | | | | |
| | ⊙10 Open ✓ 21 Closed | | Author 🗸 🛛 Lai | bel + Proj | ects + | M |
| | Ability for role value to be dynami #64 by vincentml was closed on Mar 17 | ic or different per phase 2025 enhancement phases | | | | |
| | pattern/@documents: definition o #61 by AndrewSales was closed on Feb 25 | f behaviour 2025 element pattern | | | | |
| | pattern/@documents: pattern vari #60 by AndrewSales was closed on Feb 24 | ables in scope? 2025 element pattern | | | | |
| | pattern/@documents: rules apply #59 by AndrewSales was closed on Feb 24 | only to subordinate documents? 2025 element patt | ern | | | |
| | Add attribute named e.g. 'severity #58 opened on Jun 1, 2023 by rkottmann | ' to schematron with well defined semantics for re | porting severity | levels 2025 | | |
| | ⊙ 06. Semantics [ref. JP32 034] 2025 | deferred-2020-defect | | | | |

GitHub: Schematron/schematron-enhancement-proposals/issues

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Changes (1)

- New attribute (assert | report) /@severity (#58)
 - values fatal, error, warning and info reserved
- New element group (pattern with all rules eval'd) (#25)
- New element rules, to group abstract rules (#3, #39)
- New element library, to bulk-import constructs using extends (#39, #66)
- New attribute schema/@schematronEdition (#42)
- Typed variables, via new attribute let/@as (#1)



Changes (2)

- Dynamic evaluation of (@flag, @role, @severity) (#64)
- Pass external params via schema/param (#34)
- Abstract patterns require params (#8)
- SVRL corrections & clarifications, incl. Annex (#5, #7, #38)
- Base URI fixup (#2)
- L10n: language fixup (#6)
- Support for TVTs in constructing messages (#49)



Changes (3)

- QLB names reserved for qt4 languages (#70)
- Added import, include, use-package, import-schema, accumulator to relevant XSLT QLBs (#4)
- New QLBs for XQuery 3.x



Late-breaking changes (1)

- Phases (1): dynamic selection (#71)
 - New attribute when
 - New special selector #ANY
 - Selects first matching phase in document order
- Phases (2): partial document validation (#72)
 - New attribute from
 - Selects matching subset of document to validate



Late-breaking changes (2)

• New attribute visit-each (#75):

<rule context='para'
visit-each='analyze-string(., "foo")'>
 <report
test='fn:match'>[...]</report>

• <svrl:error document='...' code='...'
location='...'>(#69)



What's **not** changing?

- Other SEPs outstanding and emerging
- Some (more radical?) proposals are deferred
- We needed to draw the line somewhere



How to contribute

- GitHub:
 - .../Schematron/schematron-enhancement-proposals
- Your ISO-affiliated national standards body
- Mailing list: schematronist.org



GitHub links

SEPs:

Schematron/schematron-enhancement-proposals/issues

Schemas:

Schematron/schema/tree/2025-edition



